

8

87.7 1493 3820 4854

3

4

```
1680 1690 1700 1710 1720 1730
SmW_R_ORF_dn TCAGCGGATGTCTCTCTTTGTGTCCAAAAGAACCTGGAGAACATCCGTAAGTGTGAA
      ::::: ::::: ::::: ::::: ::::: :::::
SmW_H_DNA_C TCAGCAGATGTCTCCTCTTTGTGTCTAAAGAGCCTGGAGAACATCCAGTAAGTGTGAA
      850 860 870 880 890 900
1740 1750 1760 1770 1780 1790
SmW_R_ORF_dn GTTCCGGTGGCTACTGTGGCCACGTGGTCCCTGCCATGTTCCCCAGTTCTGCCTGGGCA
      ::::: ::::: : : : ::::: ::::: ::::: :::::
SmW_H_DNA_C GTTCCCCTGGCTACAGCTGGCATGTGGTCTTCCATGTTCTCAAAGCTCAGCATGGGCA
      910 920 930 940 950 960
1800 1810 1820 1830 1840 1850
SmW_R_ORF_dn TCCTGTGTGTGGCACCAGCCAGTGGAGTGAAGTCACTGCGTCACTCCCCGAGGGATGGACTA
      ::::: ::::: ::::: ::::: ::::: :::::
SmW_H_DNA_C TCCTGTGTGTGGCACCAGCCAGTGGAGTGAAGTCACTGCACTACCCCCGAGGGATGGACTG
      970 980 990 1000 1010 1020
1860 1870 1880 1890 1900 1910
SmW_R_ORF_dn GAGGTGGTGGTGACCCAGGGGCCATGGGGGCTTATGCTTGCAGTGTCAAGAGGGTGGG
      ::::: ::::: ::::: ::::: ::::: :::::
SmW_H_DNA_C GAGGTGGTGGTGACCCAGGGGCCATGGGGGCTTATGCTTGAATGTCAAGAGGGTGGG
      1030 1040 1050 1060 1070 1080
1920 1930 1940 1950 1960 1970
SmW_R_ORF_dn GCGGCGCGGTGGTGGCTGCTTATAGCTTGGTGTGGGGCAGCCAGCGGGGACCCCTCAAAC
      :: ::::: ::::: : ::::: ::::: ::::: ::::: : : :
SmW_H_DNA_C GCAGGCCATGTGGTAGCAGCTTACAGCTTGGTATGGGGCAGCCAGCGAGATGCTCCGAGC
      1090 1100 1110 1120 1130 1140
1980 1990 2000 2010 2020 2030
SmW_R_ORF_dn CGGGCCACACCGTTGTGGGGGCTGGATTGGTTGGCTTTCTCCTGGGTGTTCTTCAGCA
      ::::: : ::::: : : ::::: : : ::::: :::::
SmW_H_DNA_C CGGGCCACACAG—TGGGGGCGGGACTGGCTGGCTTCTTCTGGGATTCTCGCAGCA
      1150 1160 1170 1180 1190
2040 2050 2060 2070 2080 2090
SmW_R_ORF_dn TCCCTCACTCTCCTCCTGATTGGTCCCGTCAACAGCGTCGGCGACAGAGGGAGCTTCTA
      ::::: ::::: : ::::: ::::: ::::: :::::
SmW_H_DNA_C TCCCTCACTCTCATTCTEATTGGTCCCGTCAACAGCGACAGCGGACAGAGGGAACTTCTG
      1200 1210 1220 1230 1240 1250
2100 2110 2120 2130 2140 2150
```

6